

**Abstract**

Method for detecting a wobble signal.

- 5 The present invention relates to a method for detecting a wobble signal WS.

It is an object of the invention to propose a method for detecting a wobble signal WS within a single wobble period, without the need of additional filtering.

- 10 The method comprises the steps of:  
comparing an input signal IS comprising the wobble signal WS with a reference signal RS, the reference signal RS corresponding in phase and frequency to the desired wobble signal WS; and  
15 outputting an output signal OS indicating the amplitude and phase of the wobble signal WS.

Fig. 2